

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("4709121").PN.	USPAT; USOCR	OR	OFF	2011/06/15 11:22
L2	1	("4751578").PN.	USPAT; USOCR	OR	OFF	2011/06/15 11:23
L3	1	("4885775").PN.	USPAT; USOCR	OR	OFF	2011/06/15 11:24
L4	1	("4908713").PN.	USPAT; USOCR	OR	OFF	2011/06/15 11:25
L5	1	("4963994").PN.	USPAT; USOCR	OR	OFF	2011/06/15 11:25
L6	1	("4991011").PN.	USPAT; USOCR	OR	OFF	2011/06/15 11:26
L7	1	("5038211").PN.	USPAT; USOCR	OR	OFF	2011/06/15 11:26
L8	1	("5253066").PN.	USPAT; USOCR	OR	OFF	2011/06/15 11:27
L9	1	("5293357").PN.	USPAT; USOCR	OR	OFF	2011/06/15 11:27
L10	1	("5477262").PN.	USPAT; USOCR	OR	OFF	2011/06/15 11:28
L11	1	("5479268").PN.	USPAT; USOCR	OR	OFF	2011/06/15 11:30
L12	1	("5508815").PN.	USPAT; USOCR	OR	OFF	2011/06/15 11:31
L13	1	("5568272").PN.	USPAT; USOCR	OR	OFF	2011/06/15 11:31
L14	1	("5809204").PN.	USPAT; USOCR	OR	OFF	2011/06/15 11:31
L15	1	("5907323").PN.	USPAT; USOCR	OR	OFF	2011/06/15 11:31
L16	1	("6243142").PN.	USPAT; USOCR	OR	OFF	2011/06/15 11:32
S1	1	10/783235.app	US-PGPUB; USPAT	OR	ON	2008/02/11 17:45
S2	1	alexander-ro\$ in. and ward-\$ in.	US-PGPUB; USPAT	OR	ON	2008/02/11 20:02
S3	1	09/590925.app	US-PGPUB; USPAT	OR	ON	2008/02/12 11:18

S4	26	("4706121"   "4751578"   "4885775"   "4908713"   "4963994"   "4991011"   "5038211"   "5253066"   "5293357"   "5477262"   "5479268"   "5508815"   "5568272"   "5621456"   "5809204"   "5850218"   "5907323"   "5915068"   "6081263"   "6243142"   "6397386"   "6442755"   "6481011"   "6530083"   "6563515"   "6564378").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/12 12:02
S5	1	wo-9641478\$.did.	EPO	OR	ON	2008/02/12 15:07
S6	1	wo-9856172\$.did.	EPO	OR	ON	2008/02/12 15:08
S7	0	jerding-dean.in.	USPAT	OR	ON	2008/02/12 17:36
S8	19	jerding-dean\$.in.	USPAT	OR	ON	2008/02/12 17:36
S9	45	banker-robert\$.in.	USPAT	OR	ON	2008/02/12 17:38
S10	19	S9 and "725"/\$.ccls.	USPAT	OR	ON	2008/02/12 17:38
S11	19	jerding-dean-\$.in.	USPAT	OR	ON	2008/02/12 17:40
S12	48	jerding-dean-\$.in.	US-PGPUB; USPAT	OR	ON	2008/02/12 17:40
S13	35	S12 and "725"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2008/02/12 17:41
S14	30	S13 not S10	US-PGPUB; USPAT	OR	ON	2008/02/12 17:41
S15	22	S13 not S8	US-PGPUB; USPAT	OR	ON	2008/02/12 17:41
S16	76	banker-robert\$.in.	US-PGPUB; USPAT	OR	ON	2008/02/12 17:44
S17	57	S16 not S10	US-PGPUB; USPAT	OR	ON	2008/02/12 17:44
S18	118	rodriguez-arturo\$.in.	US-PGPUB; USPAT	OR	ON	2008/02/12 17:47
S19	65	S18 and "725"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2008/02/12 17:47
S20	48	S19 not S17	US-PGPUB; USPAT	OR	ON	2008/02/12 17:48
S21	26	S19 not S17 not S13	US-PGPUB; USPAT	OR	ON	2008/02/12 17:49

S22	385	725/52.ccls.	US-PGPUB; USPAT	OR	ON	2010/05/30 16:42
S23	94	S22 and (@ad<"19990611" @rlad<"19990611")	US-PGPUB; USPAT	OR	ON	2010/05/30 16:43
S24	10	S23 and (terminat\$3 exit\$3) near6 (EPG "program guide" ipg)	US-PGPUB; USPAT	OR	ON	2010/05/30 16:45
S25	13	S23 and (terminat\$3 exit\$3) near10 (EPG "program guide" ipg)	US-PGPUB; USPAT	OR	ON	2010/05/30 16:45
S26	6548	725/38-61.ccls.	US-PGPUB; USPAT	OR	ON	2010/05/30 17:04
S27	1422	S26 and (@ad<"19990611" @rlad<"19990611")	US-PGPUB; USPAT	OR	ON	2010/05/30 17:04
S28	1412	S27 not S24	US-PGPUB; USPAT	OR	ON	2010/05/30 17:04
S29	49	S28 and (terminat\$3 exit\$3) near3 (EPG "program guide" ipg)	US-PGPUB; USPAT	OR	ON	2010/05/30 17:05
S30	78	S28 and (terminat\$3 exit\$3) near5 (EPG "program guide" ipg)	US-PGPUB; USPAT	OR	ON	2010/05/30 17:38
S31	29	S30 not S29	US-PGPUB; USPAT	OR	ON	2010/05/30 17:39
S32	11	S28 and (terminat\$3 exit\$3) near6 (EPG "program guide" ipg) near6 (provision option selection)	US-PGPUB; USPAT	OR	ON	2010/05/30 17:49
S33	0	fred-peng.xa.	US-PGPUB; USPAT	OR	ON	2010/05/30 18:19
S34	24	peng-fred.xa.	US-PGPUB; USPAT	OR	ON	2010/05/30 18:20
S35	6	((terminat\$3 exit\$3) and (provision option) and (ipg epg "program guide" "program listing") and input). clm.	US-PGPUB; USPAT	OR	ON	2010/05/31 14:56
S36	385	725/52.ccls.	US-PGPUB; USPAT	OR	ON	2010/05/31 14:58
S37	94	S36 and (@ad<"19990611" @rlad<"19990611")	US-PGPUB; USPAT	OR	ON	2010/05/31 14:58
S38	94	S36 and (@ad<"19990611" @rlad<"19990611")	US-PGPUB; USPAT	OR	ON	2010/05/31 15:01
S39	13	S38 and (terminat\$3 exit\$3) near10 (EPG "program guide" ipg)	US-PGPUB; USPAT	OR	ON	2010/05/31 15:01
S40	81	S38 not S39	US-PGPUB; USPAT	OR	ON	2010/05/31 15:01

S41	385	725/52 ccls	US-PGPUB; USPAT	OR	ON	2010/05/31 16:30
S42	94	S41 and (@ad<"19990611" @rlad<"19990611")	US-PGPUB; USPAT	OR	ON	2010/05/31 16:30
S43	10	S42 and (terminat\$3 exit\$3) near6 (EPG "program guide" ipg)	US-PGPUB; USPAT	OR	ON	2010/05/31 16:30
S44	6548	725/38-61 ccls	US-PGPUB; USPAT	OR	ON	2010/05/31 16:30
S45	1422	S44 and (@ad<"19990611" @rlad<"19990611")	US-PGPUB; USPAT	OR	ON	2010/05/31 16:30
S46	1412	S45 not S43	US-PGPUB; USPAT	OR	ON	2010/05/31 16:30
S47	49	S46 and (terminat\$3 exit\$3) near3 (EPG "program guide" ipg)	US-PGPUB; USPAT	OR	ON	2010/05/31 16:30
S48	11	(provision setup set-up setting) near3 (exit terminat \$3 escap\$3) same (epg ipg "program guide" "program listing")	US-PGPUB; USPAT	OR	ON	2010/05/31 17:03
S49	1	S48 and (@ad<"19990611" @rlad<"19990611")	US-PGPUB; USPAT	OR	ON	2010/05/31 17:03
S50	87	(provision setup set-up setting menu) near3 (exit terminat\$3 escap\$3) same (epg ipg "program guide" "program listing")	US-PGPUB; USPAT	OR	ON	2010/05/31 17:08
S51	25	S50 and (@ad<"19990611" @rlad<"19990611")	US-PGPUB; USPAT	OR	ON	2010/05/31 17:08
S52	188	laiole-\$ .in.	US-PGPUB; USPAT	OR	ON	2010/06/01 12:00
S53	15	S52 and (epg "program guide")	US-PGPUB; USPAT	OR	ON	2010/06/01 12:00
S54	331	ellis-mich\$.in.	US-PGPUB; USPAT	OR	ON	2010/06/01 12:11
S55	179	S54 and (@ad<"19990611" @rlad<"19990611")	US-PGPUB; USPAT	OR	ON	2010/06/01 12:12
S56	12	S55 and (exit\$3 terminat\$4) near2 (epg "program guide")	US-PGPUB; USPAT	OR	ON	2010/06/01 12:12
S57	8	knudson-john\$.in.	US-PGPUB; USPAT	OR	ON	2010/06/01 12:16
S58	553	knudson-\$ .in.	US-PGPUB; USPAT	OR	ON	2010/06/01 12:16
S59	264	S58 and (@ad<"19990611" @rlad<"19990611")	US-PGPUB; USPAT	OR	ON	2010/06/01 12:17
S60	1	S59 and (exit\$3 terminat\$4) near2 (epg "program guide")	US-PGPUB; USPAT	OR	ON	2010/06/01 12:17

S61	100	knudson-edward\$.in.	US-PGPUB; USPAT	OR	ON	2010/06/01 12:17
S62	264	S59 and (@ad<"19990611" @rlad<"19990611")	US-PGPUB; USPAT	OR	ON	2010/06/01 12:17
S63	78	S61 and (@ad<"19990611" @rlad<"19990611")	US-PGPUB; USPAT	OR	ON	2010/06/01 12:18
S64	77	S63 and (epg "program guide")	US-PGPUB; USPAT	OR	ON	2010/06/01 12:18
S65	45	S63 and (epg "program guide") same (exit terminat \$3)	US-PGPUB; USPAT	OR	ON	2010/06/01 12:19
S66	255	("20010003846"   "20010013125"   "20010013127"   "20010032335"   "20010036271"   "20010044744"   "20020002642"   "20020007485"   "20020014753"   "20020026495"   "20020026638"   "20020032638"   "20020042913"   "20020044762"   "20020049804"   "20020049978"   "20020056098"   "20020056118"   "20020057336"   "20020062481"   "20020069105"   "20020069218"   "20020069412"   "20020078176"   "20020083443"   "20020101367"   "20030002862"   "20030002862"   "20030030679"   "20040034867"   "20050008074"   "20050028190"   "20050044565"   "20050044566"   "20050044577"   "20050071882"   "20050076360"   "20050091693"   "20050111046"   "20050138657"   "20050155056"   "20050160468"	US-PGPUB; USPAT	OR	ON	2010/09/14 13:09

"20050188415"	
"20050204387"	
"20050204388"	
"20050213506"	
"20050216936"	
"20050240961"	
"20050251822"	
"20050278741"	
"20050283797"	
"20050283810"	
"20060020982"	
"20060026080"	
"20060026665"	
"20060059525"	
"20060070107"	
"20060088105"	
"20090158354"	
"20090158355"	
"20090158363"	
"20090183081"	
"20090190028"	
"20090193468"	
"20090193471"	
"20090276808"	
"20090282372"	
"20090282440"	"3676580"
"4586158"	"4706121"
"4821097"	"4827250"
"4930158"	"4949187"
"4984152"	"5172413"
"5291554"	"5317391"
"5329590"	"5353121"
"5357276"	"5359362"
"5371551"	"5398071"
"5410326"	"5625405"
"5625864"	"5629732"
"5632681"	"5635979"
"5635989"	"5650831"
"5659350"	"5666293"
"5675752"	"5682206"
"5682597"	"5684918"
"5686954"	"5687331"
"5689641"	"5694176"
"5694546"	"5699107"
"5715169"	"5715515"
"5721827"	"5721829"
"5721897"	"5724106"
"5724521"	"5727060"
"5729549"	"5734853"
"5764899"	"5802502"
"5844620"	"5848352"
"5850218"	"5856975"
"5859641"	"5861906"
"5877756"	"5880768"
"5886690"	"5886732"
"5895454"	"5898456"

"5900905"	"5905522"
"5913040"	"5914712"
"5914746"	"5915068"
"5917822"	"5929849"
"5930493"	"5935206"
"5940073"	"5943047"
"5956024"	"5956716"
"5960411"	"5961603"
"5969748"	"5978043"
"6006257"	"6075575"
"6081263"	"6085185"
"6094680"	"6097383"
"6098082"	"6101512"
"6108002"	"6108042"
"6118445"	"6118976"
"6124878"	"6125259"
"6133909"	"6137539"
"6138139"	"6141003"
"6141488"	"6148332"
"6151059"	"6157377"
"6157413"	"6160989"
"6163272"	"6166730"
"6169543"	"6169730"
"6172674"	"6172677"
"6177931"	"6317777"
"6317885"	"6323911"
"6327628"	"6335936"
"6353448"	"6357046"
"6359636"	"6360367"
"6362841"	"6367078"
"6378130"	"6381332"
"6385614"	"6393585"
"6396549"	"6400280"
"6401243"	"6405239"
"6421067"	"6434748"
"6441862"	"6442332"
"6442755"	"6442756"
"6446261"	"6446262"
"6460181"	"6463585"
"6604240"	"6609253"
"6611958"	"6614440"
"6614988"	"6628302"
"6631413"	"6642939"
"6647548"	"6651044"
"6662365"	"6665869"
"6671328"	"6675384"
"6675385"	"6678891"
"6681395"	"6681396"
"6684025"	"6684400"
"6697376"	"6701523"
"6701528"	"6706311"
"6708336"	"6718552"
"6725461"	"6731310"
"6732367"	"6732369"
"7110714"	"7143430"
"7150031"	"7155733"

		"7185355"   "7194757"   "7200857"   "7237251"   "7243364"   "7249366"   "7324553"   "7334251"   "7340759"   "7343614"   "7404200"   "7496945"   "7512964"   "7526788"   "7685520").PN.				
S67	30	S66 and (epg "program guide" menu "program list" "program listing" ipg) with (terminat\$3 exit\$3)	US-PGPUB; USPAT	OR	ON	2010/09/14 13:12
S68	4	S66 and (terminat\$3 exit\$3) with (strateg\$3 set\$1up) and (epg ipg menu "prgram guide")	US-PGPUB; USPAT	OR	ON	2010/09/14 14:01
S69	4	S66 and (terminat\$3 exit\$3) with (strateg\$3 set\$1up)	US-PGPUB; USPAT	OR	ON	2010/09/14 14:02
S70	21	S66 and (terminat\$3 exit\$3) with (strateg\$3 set\$1up menu "set up")	US-PGPUB; USPAT	OR	ON	2010/09/14 14:04
S71	401	725/52.ccls.	US-PGPUB; USPAT	OR	ON	2010/09/14 16:55
S72	16	S71 and @pd> "20100601"	US-PGPUB; USPAT	OR	ON	2010/09/14 16:56
S73	3	S72 and (@ad<"19990611" @rlad<"19990611")	US-PGPUB; USPAT	OR	ON	2010/09/14 16:57
S74	7454	725/37-61.ccls.	US-PGPUB; USPAT	OR	ON	2010/09/14 17:01
S75	7053	S74 not S71	US-PGPUB; USPAT	OR	ON	2010/09/14 17:01
S76	345	S75 and @pd> "20100601"	US-PGPUB; USPAT	OR	ON	2010/09/14 17:01
S77	41	S76 and (@ad<"19990611" @rlad<"19990611")	US-PGPUB; USPAT	OR	ON	2010/09/14 17:02
S78	6	S77 and (terminat\$3 exit\$3) near8 (epg "program guide" ipg "program list" "program listing")	US-PGPUB; USPAT	OR	ON	2010/09/14 17:03
S79	6	((terminat\$3 exit\$3) and (provision option) and (ipg epg "program guide" "program listing") and input). clm.	US-PGPUB; USPAT	OR	ON	2010/09/14 17:08
S80	7069	725/38-51,53-61.ccls.	US-PGPUB; USPAT	OR	ON	2010/11/30 14:09
S81	212	S80 and @pd> "20100914"	US-PGPUB; USPAT	OR	ON	2010/11/30 14:09



S82	27	S81 and (@ad<"19990611" @rlad<"19990611")	US-PGPUB; USPAT	OR	ON	2010/11/30 14:09
S83	5	S82 and (terminat\$3 exit\$3) near8 (epg "program guide" jpg "program list" "program listing")	US-PGPUB; USPAT	OR	ON	2010/11/30 14:10
S84	1	("5635980").PN.	USPAT; USOCR	OR	OFF	2011/01/24 19:31
S85	1	("5724646").PN.	USPAT; USOCR	OR	OFF	2011/01/24 19:31
S86	1	("5828845").PN.	USPAT; USOCR	OR	OFF	2011/01/24 19:31
S87	1	("6014694").PN.	USPAT; USOCR	OR	OFF	2011/01/24 19:32
S88	1	("6698023").PN.	USPAT; USOCR	OR	OFF	2011/01/24 19:32
S89	1	("6978475").PN.	USPAT; USOCR	OR	OFF	2011/01/24 19:33
S90	1	("6990677").PN.	USPAT; USOCR	OR	OFF	2011/01/24 19:34
S91	1	("7647549").PN.	USPAT; USOCR	OR	OFF	2011/01/24 19:35
S92	1	("7707614").PN.	USPAT; USOCR	OR	OFF	2011/01/24 19:35
S93	1	"20010029523"	US-PGPUB; USPAT	OR	ON	2011/01/24 19:36
S94	1	"20050289618"	US-PGPUB; USPAT	OR	ON	2011/01/24 19:37
S95	1	"20090141794"	US-PGPUB; USPAT	OR	ON	2011/01/24 19:37
S96	1	"20100242063"	US-PGPUB; USPAT	OR	ON	2011/01/24 19:37
S97	7217	725/38-51,53-61.ocls.	US-PGPUB; USPAT	OR	ON	2011/01/24 19:38
S98	360	S97 and @pd> "20100914"	US-PGPUB; USPAT	OR	ON	2011/01/24 19:38
S99	232	S97 and @pd> "20101101"	US-PGPUB; USPAT	OR	ON	2011/01/24 19:39
S100	34	S99 and (@ad<"19990611" @rlad<"19990611")	US-PGPUB; USPAT	OR	ON	2011/01/24 19:39
S101	4	S100 and (terminat\$3 exit\$3) near8 (epg "program guide" jpg "program list" "program listing")	US-PGPUB; USPAT	OR	ON	2011/01/24 19:40

S102	5	((terminat\$3 exit\$3) and (provision option) and (ipg epg "program guide" "program listing") and input). clm.	US-PGPUB	OR	ON	2011/01/24 19:48
S103	7633	725/38-51,53-61.ccls.	US-PGPUB; USPAT	OR	ON	2011/06/14 18:33
S104	411	S103 and @pd> "20110124"	US-PGPUB; USPAT	OR	ON	2011/06/14 18:33
S105	23	S104 and (@ad< "19990611" @rlad< "19990611")	US-PGPUB; USPAT	OR	ON	2011/06/14 18:34
S106	5	((terminat\$3 exit\$3) and (provision option) and (ipg epg "program guide" "program listing") and input). clm.	US-PGPUB	OR	ON	2011/06/14 18:34

**EAST Search History (I nterference)**

&lt; This search history is empty&gt;

**6/ 15/ 2011 11:32:46 AM****C:\ Documents and Settings\ fpeng\ My Documents\ EAST\ Workspaces\ 10783235.wsp**